

#### ABSTRACT OF THE DISCLOSURE

An object of the present invention is to provide a method of treatment that is useful in conducting a nucleic acid synthesis procedure capable of directly amplifying an intended nucleic acid in a living body-derived sample without purification steps.

The present invention is a method for synthesis of nucleic acids to amplify an intended nucleic acid in a region in which a GC content is rich, wherein a polyhydric alcohol and/or ammonium sulfate is present in an amplification reaction solution. According to the present invention, it becomes possible to amplify nucleic acids in a GC rich region efficiently in direct manner from a sample such as blood containing lots of PCR inhibitory substances without undergoing a process of isolating and purifying the nucleic acid, although it has been known that the PCR in the GC rich region is difficult to be conducted even if purified DNA is used.